

STATE OF TENNESSEE TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION COOKEVILLE ENVIRONMENTAL FIELD OFFICE

1221 South Willow Avenue Cookeville, Tennessee 38506 Statewide 1-888-891-8332

Phone 931-520-6688

Fax 931-432-6952

Honorable Willie P. Kerr City of Celina P.O. Box 449 Celina, TN 38551 January 23, 2017

RE: Compliance Evaluation Inspection; City of Celina Collection System TN0063886

Dear Mayor Kerr:

Division of Water Resources staff wishes to thank you, Mr. Jason Hamilton, Mr. Brian Burchett and Mr. Gary Plumlee for your generous time and courtesy during the recent Collection System Inspection (CSI) on January 5, 2017 and January 9, 2017, at the City of Celina Wastewater Treatment Collection System in Clay County.

Permit

The current NPDES permit became effective on June 1, 2016 and will expire on April 4, 2019.

Collection Gravity Line Site Review

The subsurface gravity line adjacent to the Washington and McArthur intersection was reviewed. A recent overflow at the location had occurred. The overflow may have been caused by a grease build up in the line and resulted in the back-up of sewage in the office of Doctor Gilbert Ghearing. City staff met with Dr. Ghearing to discuss the maintenance work to be performed on the sewer line which serves his business location. The work included inspection of the manholes and jetting of the sewer lines.

Operations and Maintenance

Celina STP staff reviewed the collection system manholes above and below the Washington and McArthur intersection. Heavy deposits of grease were no longer readily apparent. The line was jetted with high pressure to assure the line was cleared. It is possible that roof drains at the Doctor's office are tied into the city sewer. Manholes around the hospital were reviewed. Some grease in the area lines and manholes was noted. The hospital's grease trap was located in an area that may be difficult to access. It is recommended that the City of Celina develop a Fats, Oil and Grease (FOG) program. City personnel can improve monitoring of grease trap clean-out. If grease traps are needed in a certain area, businesses could be required to install grease traps large enough to accommodate the flows.

Summary

The City has had several sewer back-ups that have resulted in overflows to private property. Grease build up combined with the inflow and infiltration of storm water may be contributing to the sewer back-up problem. The City has the sewer jetter equipment to perform sewer clean-out maintenance. The City's sewer use ordinance has the language necessary to require users to prevent grease from entering the city sewer. Please see pages nineteen and twenty (19 & 20) Article 8 (3) (b) of the Sewer Use Ordinance.

Recommendations

- ✓ Develop a FOG program and inspect for roof drains that may be tied into the city sewer.
- ✓ Require businesses (food preparation facilities) to install and maintain grease traps.
- ✓ Inspect and video sewer lines.
- ✓ Consider improved gate security along with fence signage in order to ensure control over septic tank sewer disposal at the sewer treatment plant.

The Division of Water Resources would again like to thank you, Mr. Jason Hamilton, Mr. Brian Burchett, and Mr. Gary Plumlee for your time and courtesy during this inspection.

If you have any questions, you may contact Oakley Hall in Cookeville by way of telephone at (931) 432-7635 or toll free at 1-(888)-891-8332. You may also use electronic mail at: Oakley.Hall@tn.gov.

Sincerely,

Johnny K. Walker

John K. WM

Environmental Program Manager III

Division of Water Resources

Cookeville Environmental Field Office

Enclosure: Photo Sheet; Water Compliance Inspection Report

cc: EFO-CK, Clay County DWR Files: TN0063886



TDEC - Division of Water Resources Cookeville Field office

ICIS NPDES Facilities Inspection Report

				y F	acility Data						
NPDES ID: TN0063886 Facility Site				Name City of Celina STP							
			Addr	ess P.O. B	ox						
Permit Eff. Date: Jun 1, 2016 Perm		Permit Exp [ate: Apr 4,	. 2019		9	SIC Co	de:			
Compliance Monitoring Information											
Compliance Monitoring Activity Name CSO Inspection (Non-Sampling)											
* If Bio Monitoring is selected above, select the method used:											
Compliance Monitoring Activity Diagnostic											
Compliance Monitoring Dates/Times											
Entry Date/Time (mm/dd/yyyy hh:mm): January 0				2016; 10:00 AM Exit Date/Time (mm/dd/yyyy hh:mm):				m):	January 09, 2016; 2:00 PM		
Facility Representatives											
Jason Hamilton, Ch	ief Opera	ator: (931) 243	3 - 3813	Honorable Willie Kerr, Mayor of Celina, (a, (931) 243 - 2115		
On-Site Representa	tive(s)Tit	le, Phone Nur	mber	Responsible Official(s), Title, Phone Number					r		
Statute and Section Information											
Federal Statute:	CWA -	Clean Water A	Act		State Statute:	Ten	nessee Water	ssee Water Quality Control Act			
Programs: NPDES- Base Program (Limits, Reporting, & Schedule)											
Compliance Monitoring Reason: Core Program											
Compliance Monitoring Agency Type: State				Agency Name				ne: T	TDEC - DWR		
Did EPA assist/ Inspection? No				Time Physically conducting activity: Days: 4				4	Hours: 0		
Inspection Type: State				Compliance Monitoring Action Outcome:				Imme	ediately Corrected		
Lead Agency: State				Compliance Monitoring Rating Code:				Unrated			
If Joint Inspection, what was the purpose of the other party? N/A											
Areas Evaluated During Inspection (Check only those areas evaluated)											
Permit				Self - Compliance Program				Pretreatment			
Records / Records				Compliance Schedule				Pollution Prevention			
☐ Facility Site Review				Laboratory				Storm Water			
☑ Effluent / Receiving Waters			\boxtimes	Operations & Maintenance				Combined Sewer Overflow			
Flow Measurement				Sludge Handling / Disposal			\boxtimes	Sanitary Sewer Overflow			
Compliance Monitoring Summary											
Inspection performed to review collection system overflows near restaurants and Doctor's office (possible FOG issues). Operations and Maintenance were observed.											
EPA and State Representatives											
William O. Hall				TDEC/DWR (931) 520 - 6677					Jan 18, 2017		
Inspector's Signature				Agency / Office / Phone					Date		
Johnny K. Walker John K. Walk				TDEC/DWR (931) 520 - 6688					Jan 18, 2017		
Manager's Signature				Agency / Office / Phone					Date		

(Note: This form can only be printed to an XPS document, then saved for later use.)



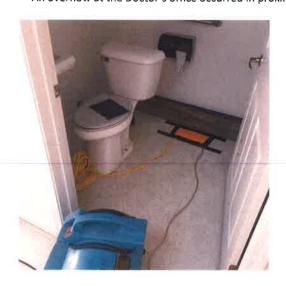
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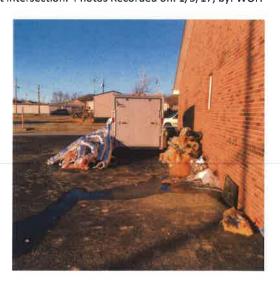
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An overflow at the Doctor's office occurred in proximity to this street intersection. Photos Recorded on: 1/5/17, by: WOH





Damage from the sewer overflow was observed within the Doctor's office building. The City worked to resolve the sewer issue.



City manholes were opened and reviewed for grease and obstruction. Photo recorded on: 1/5/17, by: WOH



The manhole pictured above was located on the hill above the Washington/McArthur intersection. Photo recorded 1/5/17, by: WOH



The Jetter Trailer was used to clean-out lines in the vicinity of the Washington/McArthur intersection. Photo Recorded 1/9/17, by: WOH



A nearby restaurant is capturing grease before it enters the city sewer. Photo Recorded 1/9/17, by: WOH